TOP SECRET Approved FOR Release 2005/03/09 : CIA-RDP99T01396R000200330001-5

PHOTOGRAPHIC INTERPRETATION REPORT



VITAL RECORDS COPY KH-4 MISSION 1038-2

19-26 JANUARY 1967

PART I

25X1

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KH-4 MISSION 1038-2, 19-26 JAN 67

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TOP SECRET
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KH-4 MISSION 1038-2, 19-26 JAN 67

PREFACE

THIS IS THE FIRST OF TWO DAK REPORTS ON MISSION 1038-2
AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVER-HEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS.
LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES APPEARS ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR MEFOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE — C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), OS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

Highlights

HIGHLIGHTS

1. MISSILE ACTIVITY

TWELVE OF THE 25 KNOWN DEPLOYED ICBM COMPLEXES ARE OBSERVED ON THIS MISSION. ALEYSK, KARTALY, YEDROVO, KOZELSK, OMSK, GLADKAYA AND YOSHKAR-OLA ARE OBSERVED ON CLEAR, STEREO PHOTOGRAPHY. TWO TYPE IIIC SINGLE SILO LAUNCH SITES ARE IDENTIFIED IN AN EARLY STAGE OF CONSTRUCTION AT ALEYSK AND ONE TYPE IIID SITE IS IDENTIFIED AT KOZELSK. THE LATTER IS A CENTRAL SITE AND INDICATES THE PRESENCE OF A THIRD LAUNCH GROUP AT KOZELSK. SCATTERED TO HEAVY CLOUDS OBSCURE PORTIONS OF DOMBAROVSKIY, PERM, ZHANGIZ-TOBE AND SVOBODNYY. PLESETSK CAN ONLY BE IDENTIFIED THROUGH HEAVY HAZE.

PLESETSK, YOSHKAR-OLA, SVOBODNYY, OMSK, PERM, ZHANGIZ-TOBE, DOMBAROVSKIY, AND ALEYSK ARE REPORTED IN THE OAK, PART I.

THE TYURATAM MISSILE TEST CENTER IS COMPLETELY COVERED BY STEREO PHOTOGRAPHY OF FAIR INTERPRETABILITY. NO MISSILE EXERCISES ARE OBSERVED AT ANY OF THE LAUNCH AREAS. NEITHER THE KAPUSTIN YAR/VLADIMIROVKA, USSR, NOR THE SHUANG-CHENG-TZU, CHINA, MISSILE TEST CENTERS, IS COVERED BY THIS MISSION.

OF THE 26 KNOWN PROBABLE LONG RANGE SAM LAUNCH COMPLEXES, 6 ARE OBSERVED ON CLEAR PHOTOGRAPHY AND 2 ON HAZE-COVERED PHOTOGRAPHY—ALL WITH SNOW COVER ON THE GROUND. ALL OTHERS ARE CLOUD COVERED OR NOT COVERED. BABAYEVO, PLESETSK AND KRASNOVARSK ARE REPORTED IN THIS OAK, PART I.

FOUR OF THE 7 KNOWN PROBABLE ABM LAUNCH COMPLEXES IN MOSKVA AND THE DOGHOUSE ARE COVERED ON CLEAR PHOTOGRAPHY WITH SNOW COVER ON THE GROUND. ALL OTHERS ARE NOT COVERED.

THE SARY-SHAGAN ANTIMISSILE TEST CENTER CAN BE IDENTIFIED ONLY.

NORTH VIETNAM IS	COVERED BY 3 PASS	SES	WITH
AN ESTIMATED 80 P	PERCENT AVERAGE CL	LOUD COVER. OF THE 152	KNOWN
SA-2 SAM SITES, 7	SITES ARE OBSER	VED IN THE CLOUD-FREE AR	EAS.
THESE SITES ARE S	SEEN ON T	1	

25X1

2. AIR ACTIVITY

FIVE OF THE FAR EAST LONG RANGE AIR ARMY AIRFIELDS ARE COVERED AND HAVE THE FOLLOWING AIR ORDER OF BATTLE -- UKRAINA AIRFIELD -- 24 HEAVY SWEPT-WING, 4 POSSIBLE HEAVY SWEPT-WING, AND 2 MEDIUM STRAIGHT-WING.

SPASSK-DALNIY EAST -- 20 PROBABLE BADGER, 1 LIGHT STRAIGHT-WING AND 30 SMALL SWEPT-WING.
KHOROL EAST -- 7 BEAR, 53 PROBABLE BADGER AND 2 LIGHT STRAIGHT-WING. USSURIYSK/VOZDVIZHENKA -- 23 PROBABLE BADGER, 1 POSSIBLE BADGER, 10 PROBABLE BEAGLE, 1 COOT, 1 CAB, 40 SMALL SWEPT/DELTA-WING AND 1 SMALL STRAIGHT-WING.
DOLON AIRFIELD -- 40 HEAVY SWEPT-WING.

ONE PACIFIC OCEAN FLEET AIR FORCE AIRFIELD (ROMANOVKA WEST) IS COVERED AND HAS THE FOLLOWING AIR OB -- 12 PROBABLE BADGER AND 1 SMALL STRAIGHT-WING.

ONE NORTHWEST BOMBER COMMAND AIRFIELD (TARTU) IS COVERED AND HAS THE FOLLOWING AIR OB -- 31 PROBABLE BADGER, 26 CAT/CUB AND 1 LIGHT STRAIGHT-WING. FOURTEEN PROBABLE SHIPPING CRATES ARE IN THE ASM AREA.

ONE NORTHERN FLEET AIR FORCE AIRFIELD (ARKHANGELSK/KHOLM) IS COVERED AND HAS THE FOLLOWING AIR OB -- 10 POSSIBLE AIRCRAFT.

25X2

4. NAVAL ACTIVITY

ALL HIGH PRIORITY COMOR NAVAL TARGETS PREDICTED FOR COVERAGE ARE CLOUD COVERED.

STATUS OF COMOR TARGET READOUT

THIS OAK REPORTS ON 54 COMOR TARGETS.

Missiles

MISSILES

		11200			
n .	PLESE	TSK MISSILE AND SPACE CENTER	UR	6254N Ø4Ø38E	25X1
•		THE EASTERN HALF OF THE COMPLEX PHOTOGRAPHY. TWELVE LAUNCH SIT POINT ARE COVERED BUT CAN BE IT SNOW, AND SCATTERED CLOUDS PRECINEW MISSILE FACILITIES WITHIN FOR COVERED BY PHOTOGRAPHY.	TES AND THE DENTIFIED OF CLUDE IDENT	TRANSFER NLY. HAZE. IFICATION OF	
X1	[
: : :	YURYA	::ICBM::COMPLEX	UR	5904N 04917E	
		LAUNCH COMPLEX IS NOT COVERED. OF THE SEARCH AREA IS COVERED I MISSILE ACTIVITY OBSERVED.			
X1					
	YOSHK	AR-OLA ICBM COMPLEX	UR	5633N Ø48Ø1E	
		COMPLEX AND SEARCH AREA COVEREI	D BY CLEAR	PHOTOGRAPHY.	
		NO NEW MISSILE OR MISSILE-RELA	TED ACTIVIT	Y OBSERVED.	
X1		·			·
	SVOBO	DNYY ICBM COMPLEX	UR	5146N 128Ø6E	
		COMPLEX AND ENE HALF OF THE SEAPHOTOGRAPHY. OF THE 46 SITES, 19 ARE EITHER CLOUD COVERED OR MISSILE ACTIVITY OBSERVED IN THE SEARCH AREA.	27 ARE IDE NOT COVERE	NTIFIABLE AND D. NO NEW	
X1					
į	OMSK	ICBM COMPLEX	UR	5504N 07331E	
				and the second s	

ENTIRE COMPLEX AND 50-NM SEARCH AREA ARE COVERED BY PHOTOGRAPHY. NO NEW MISSILE OR MISSILE-RELATED ACTIVITY OBSERVED.

25X1

25X1

PERM ICB	M-COMPLEX	Ü	R 5742N Ø5619E	
AREA COMI I DEI	IRE COMPLEX AND THE WES A IS COVERED BY PHOTOGR PLEX SUPPORT FACILITY, NTIFIED ONLY. NO NEW A CLOUD-FREE PORTIONS OF	RAPHY。 THE LA AND TRANSFER MISSILE FACILI	UNCH SITES. POINT CAN BE TIES OBSERVED IN	
NO V OS I B I I	RSK ICBM COMPLEX		JR 5515N Ø8259E	
SEA	PLEX IS NOT COVERED. (RCH AREA COVERED BY PHO SILE-RELATED ACTIVITY (OTOGRAPHY. NO		
ZHANG I Z-	TOBE ICBM COMPLEX		JR 4912N Ø81Ø9E	
RAI THE MIS	VEN LAUNCH SITES, THE L-TO-ROAD TRANSFER POI SEARCH AREA ARE COVER SILE FACILITIES OBSERV SEARCH AREA.	NT, AND THE WE ED BY PHOTOGRA	ESTERN FIFTH OF	
DOMBAROV	SKIY ICBM COMPLEX	1	UR 51Ø1N Ø595ØE	
WES KNO I DE	Y THE WESTERNMOST PORT TERN HALF OF THE SEARC WN SITES, ONLY 6 ARE O NTIFIED ONLY. NO NEW	H AREA ARE CO BSERVED AND 5 MISSILE-RELAT	VERED. OF THE 30 OF THESE CAN BE	

25X1	TOP SECRET Approved For Release 2005/03/09 : CIA-RDP99T01396R000200330001-5 KH-4 MISSION 1Ø38-2, 19-26 JAN 67	25X1 25X1 25X1
	BABAYEVO PROBABLE LR SAM LAUNCH COMPLEX UR 5933N Ø352ØE	20/(1
25X1.	A FOURTH BUILDING IN THE SUPPORT AREA HAS PROBABLY BEEN COMPLETED SINCE NO SIGNIFICANT CHANGE IS DISCERNIBLE IN THE CONSTRUCTION STATUS OF THE LAUNCH COMPLEX. NO MISSILES OR MISSILE-RELATED EQUIPMENT DISCERNIBLE.	
25X1		
	PLESETSK PROB LONG RANGE SAM LAUNCH CPLX UR 6312N Ø41Ø9E	
	NO APPARENT CHANGE SINCE NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.	25X1
25X1		
	KRASNOYARSK PROBILONG RANGE SAMILCH CPLX UR 5634N Ø932ØE	
	NO APPARENT CHANGE OBSERVED SINCE SNOW HAS BEEN REMOVED FROM SERVICE ROADS AT LAUNCH SITES A AND C, BUT NOT SITE B. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.	25X1
25X1		

Air Facilities

25X1 25X1 TOP SECRET
Approved For Release 2005/03/09 : CIA-RDP99T01396R000200330001-5 25X1 KH-4 MISSION 1038-2, 19-26 JAN 67 25X1 AIR FACILITIES DOLON AIRFIELD UR 5032N 07912E OB -- AT LEAST 40 HEAVY SWEPT-WING AIRCRAFTS NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1 UKRAINA AIRFIELD UR 5110N 12826E OB -- 24 HEAVY SWEPT-WING 4 POSSIBLE HEAVY 25X1 SWEPT-WING, 3 MEDIUM SWEPT-WING, AND 2 MEDIUM STRAIGHT-WING AIRCRAFT. NO ASM STORAGE OBSERVED. NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1 SPASSK-DALNIY AIRFIELD EAST UR 4437N 13253E OB -- 20 PROBABLE BADGER, ALLIGHT STRAIGHT WING, AND AT LEAST 36 SMALL SWEPT-WING. 25X1 NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED. 25X1° USSURIYSK/VOZDVIZHENKA AIRFIELD UR 4355N 13156E OB -- 23 PROBABLE BADGER, 1 POSSIBLE BADGER, 10 PROBABLE BEAGLE, 1 COOT, 1 CAB, AT LEAST 40 SMALL SWEPT/DELTA-WING AND 1 SMALL STRAIGHT-WING.

AW RADAR SITE IN THE SW SECTOR OF THE AIRFIELD CONTAINS

25X1	Approved For Release 2005/03/09: CIA-RDP99T01396R000200330001-5 KH-4 MISSION 1838-2: 19-26: JAN 67	25X1 25X1
	AT LEAST 2 OCCUPIED RADAR MOUNDS.	
	NO ASM STORAGE FACILITY OBSERVED.	
25X1 ⁻		25X1
٠	TARTU AIRFIELD UR 5824N Ø2646E	
	OB 31 PROBABLE BADGER, 26 CAT/CUB, AND 1 LIGHT STRAIGHT-WING. APPROXIMATELY 14 PROBABLE SHIPPING CRATES ARE LOCATED ON THE CONCRETE APRON AT THE WEST END OF THE DRIVE-THROUGH T-SHAPED BUILDING IN THE ASM FACILITY.	
	NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.	
25X1		
	KHOROL AIRFIELD EAST UR 4427N 13208E	
	OB 7 BEAR, 53 PROBABLE BADGER, AND 2 LIGHT STRAIGHT-WING.	
	NO CHANGES TO THE ASM STORAGE FACILITY.	
	NO NUCLEAR STORAGE FACILITY OBSERVED.	
	NO NEW CONSTRUCTION, CHANGES IN FACILITIES. OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.	
25X1		
	ROMANOVKA AIRFIELD WEST UR 4314N 13219E	
	OB 12 PROBABLE BADGER AND 1 SMALL STRAIGHT-WING.	
a	NO NEW CONSTRUCTION, CHANGES IN FACILITIES. OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.	
25X1 ·		
	CHENG-TU/WEN-CHIANG AIRFIELD CH 3042N 10357E	
	OB AT LEAST 40 SMALL SWEPT-WING AIRCRAFT.	 25X1

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NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURES	
SI-NING AIRFIELD	CH 3634N 1Ø151E
OB NONE OBSERVED.	
NO RADAR OBSERVED.	
NO NEW CONSTRUCTION: CHANGES PREVIOUSLY UNREPORTED FEATURE	
UEI-LIN/LI-CHIA-TSUN AIRFIELD	CH 2511N 11Ø19E
IDENTIFICATION ONLY.	
.IU-CHOU AIRFIELD	CH 2417N 10923E
IDENTIFICATION ONLY.	
MENG-TZU AIRFIELD WEST	CH 2324N 10319E
OB AT LEAST 31 PROBABLE FI	GHTERS.
NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	IN FACILITIES, OR S OBSERVED.

FREVIOUSEI CONCECUNICO I CAIONE	S OBSERVED.
SU-MAG AIRFIELD NORTH	CH 2247N 10058E
OB NONE OBSERVED.	
NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	
U-KUNG AIRFIELD	CH 3417N 10815E
IDENTIFICATION ONLY.	
SI-AN AIRCRAFT ASSEMBLY & REPAIR	PLANT CH 3417N 10815E
IDENTIFICATION ONLY.	
EI-TUN AIRFIELD	CH 2527N 10043E
OB 14 LIGHT STRAIGHT-WING PROBABLE AIRCRAFT.	AND AT LEAST 20 SMALL
NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	
'UN-NAN-I AIRFIELD	CH 2525N 10042E
OB 25 SMALL SWEPT-WING AND	8 LIGHT STRAIGHT-WING
AIRCRAFT.	

1 Δ <i>→</i> '	SA AIRFIELD	. T I	3Ø3ØN	Ø91Ø7E
	OB NONE OBSERVED.			
	NO NEW CONSTRUCTION, CHANGES DEPREVIOUSLY UNREPORTED FEATURES		S. OR	
NAN-	-NING/WU-YU AIRFIELD	СН	2236N	1Ø81ØE
	OB 42 SMALL PROBABLE SWEPT- STRAIGHT-WING AIRCRAFT	-WING AND 1	LIGHT	
	NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURES		S, OR	
KUN	-MING/WU-CHIA-PA AIRFIELD	СН	2459N	10244E
	OB 4 LIGHT STRAIGHT STRAIGHT-WING, AT LEAST 15 PO AND 3 POSSIBLE HELICOPTERS. 3 LIGHT STRAIGHT-WING AT LEAST 7 POSSIBLE SMALL SWE POSSIBLE HELICOPTERS.	SSIBLE SMALL 12 SMALL S	SWEPT. TRAIGH	T-WING.
	NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE		S, OR	
KEP	AIRFIELD	VN	2124N	1Ø616E
	OB NONE OBSERVED.			
	NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE		S. OR	

ING-YUAN-CHIEH AIRFIELD	CH 2342N 10350E
OB 1 LIGHT STRAIGHT-WI POSSIBLE AIRCRAFT.	NG AND AT LEAST 5 SMALL
SUPPORT FACILITIES ARE ST	ILL UNDER CONSTRUCTION.
	. "
SU-PU-AIRFIELD	CH 2756N 11040E
OB NONE OBSERVED.	
CONSTRUCTION APPEARS TO B	E COMPLETE.
UNG-KA AIRFIELD	TI 2917N 09055E
OB NONE.	

Military Activity

NO NEW CONSTRUCTION, CHANGES IN FACILITIES. OR

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

PREVIOUSLY UNREPORTED FEATURES OBSERVED.

HENG-YANG AMMUNITION DEPOT SOUTHEA	ST CH 2651N 11241E
NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	
NO NEW DEFENSES OR SECURITY OF TROOP BUILDUP OR STOCKPILING	BSERVED. NO EVIDENCE OF
NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	
NO VEHICLES, WEAPONS, OR EQUI	PMENT OBSERVED.
(UEI-HSIEN ARMY BARRACKS	CH 2307N 10938E
IDENTIFICATION ONLY.	
I-TU ARMY BARRACKS	CH 252ØN 1ØØ29E
NO INDICATION OF TROOP OR SUP	IN FACILITIES. OR
PREVIOUSLY UNREPORTED FEATURE	
	PMENT OBSERVED.

	Approved For ReleasEQBoS66RETC		
HA G	IANG MILITARY AREA	VN 2249N 10459E	
	IDENTIFICATION ONLY.		
	-CHENG ARMY BARRACKS	CH 2146N 1Ø821E	
FANG	NO INDICATIONS OF TROOP, SUPP	LY, OR POL BUILDUP.	
	NO NEW CONSTRUCTION, CHANGES PREVIOUSLY UNREPORTED FEATURE	IN FACILITIES, OR S OBSERVED.	
	NO VEHICLES, WEAPONS, OR EQUI	PMENT OBSERVED.	
HA N	OI/LAO CAI RR SEGMENT 1	VN 222ØN 1Ø41ØE	
	IDENTIFICATION ONLY.		

Complexes

	COI	MPLEXES		
NAN-NING COMPLEX		CH 2	CH 2249N 1Ø819E	
INDUST	ICATION OF NEW CONSTRUCTION OF TOP	USTRIAL ACTIVITY	APPEARS	
		·		
LIU-CHOU COMPLEX		CH 2	418N 1Ø924E	
NO IND CLOUD- ACTIVI	ICATION OF NEW MILITA FREE AREAS. CLOUDS P TY.	RY OR INDUSTRIAL RECLUDE ESTIMATE	ACTIVITY IN OF RAIL	
NO NEW PREVIO	CONSTRUCTION, CHANGE	S IN FACILITIES, RES OBSERVED.	OR	